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25 JAN 1957

Honorable James E. Murray
 Chairman
 Committee on Interior and Insular Affairs
 United States Senate
 Washington 25, D.C.

Dear Mr. Chairman:

With further reference to your letter of 5 January, we have now studied your Staff Report No. 2 on titanium. The report is both informative and interesting and I am pleased to know that you plan to have a similar study prepared covering 1957.

The report presents such impressive evidence that the demand for titanium in both civil and military applications will increase significantly in the near future. Because of the unique properties of titanium, demand in the USSR, as in the United States, should increase even if the current relatively high cost is maintained. However, technological improvements in sponge production and fabrication and new developmental work in the recovery and reuse of titanium scrap are expected to reduce the cost of the finished product. Such reductions would stimulate an even greater use of titanium in both civil and military applications.

Of continuing interest to this Agency in watching developments abroad is the competition between certain stainless steels and titanium alloys for use at high temperatures, such as those encountered by missiles and aircraft at supersonic speeds.

Sincerely,

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Allen W. Dulles
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(EXECUTIVE REGISTER FILE)

Executive Registry
8-9889

Honorable James E. Murray
Chairman
Committee on Interior and Insular Affairs
United States Senate
Washington 25, D. C.

24 Jan 57

Dear Mr. Chairman:

Reference is made to my letter of 8 January 1957. We have read your Staff Report No. 2 on titanium, and your Subcommittee is to be commended for preparing such an interesting and informative study of this important metal. We are pleased to know that you plan to have a similar study prepared covering 1957.

The report presents such impressive evidence that the demand for titanium in both civil and military applications will increase significantly in the near future. Because of the unique properties of titanium, demand in the USSR, as in the United States, should increase even if the current, relatively high cost is maintained. However, technological improvements in sponge production and fabrication, and new developmental work in the recovery and reuse of titanium scrap, are expected to reduce the cost of the finished product. Such reductions would stimulate an even greater use of titanium in both civil and military applications.

Of continuing interest to this Agency in watching developments abroad is the competition between certain stainless steels and titanium alloys for use at high temperatures, such as those encountered by missiles and aircraft at supersonic speeds.

Sincerely,

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Allen W. Dulles
Director

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(19 January 1957)

Deputy Director/Intelligence

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